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NAFA

1983

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Lynne Warshavsky
Director of Publications

Joy Alter
Editorial Assistant

Robert Berke
Executive Director

EPA's 1983 Estimated Gas Mileage Figures

The following mileage ratings, provided by the Environmental Protection Agency, include all vehicles sold in the United States except California.

The mileage ratings represent city driving figures. The Agency cautions that the number should be used for comparison only since a driver's actual mileage could vary widely from the estimate.

In certain cases, apparently identical listings will show different mileage ratings. This occurs because of some factor that is not shown on this table, such as different types of carburetors. The "D" under the transmission column represents diesel engines.

EPA Car Categories

Mini-Compact — Less than 85 cubic feet of passenger and luggage volume.

Sub-Compact — Between 85 to 100 cubic feet of passenger and luggage volume.

Compact — Between 100 to 110 cubic feet of passenger and luggage volume.

Mid-Size — Between 110 to 120 cubic feet of passenger and luggage volume.

Large — More than 120 cubic feet of passenger and luggage volume.

MPG	Make	Trans-mission	CID	Cyl.
	Two-Seaters			
23	Alfa R Spdr 2000 Vel	M5	120	4
21	Datsun 280ZX	M5	168	6
19	Datsun 280ZX	M5	168	6
19	Datsun 280ZX	A3	168	6
11	Ferrari 308	M5	179	8
25	Fiat Spdr 2000	M5	122	4
22	Fiat Spdr 2000	A3	122	4
26	Fiat X1-9	M5	91	4
29	Ford EXP	M4	98	4
27	Ford EXP	A3	98	4
29	Linc-Merc LN-7	M4	98	4
27	Linc-Merc LN-7	A3	98	4
20	Mazda RX-7 (Rotary)	M5	70	2
19	Mazda RX-7 (Rotary)	A3	70	2
18	Mercedes Benz 380SL	A4	234	8
	Mini-Compact Cars			
22	Alfa R GTV	M5	152	6
11	Ferrari Mondial	M5	179	8
39	Honda Civic	M4	81	4
46	Honda Civic	M5	81	4
35	Honda Civic	M5	91	4
31	Honda Civic	A3	91	4
16	Porsche 911	M5	183	6
22	Porsche 944	M5	151	4
21	Porsche 944	A3	151	4
33	Renault LeCar	M4	85	4
42	Toyota Starlet	M4	79	4
44	Toyota Starlet	M5	79	4
29	VW Rabbit Cnv	M5	105	4
25	VW Rabbit Cnv	A3	105	4
	Sub-Compact Cars			
21	AMC Spirit	M4	258	6
21	AMC Spirit	M5	258	6
21	AMC Spirit	A3	258	6
17	Audi Quattro	M5	131	5
39	Audi 4000 Coupe	D-M5	97	4
38	Audi 4000 Coupe	D-M5	97	4
34	Audi 4000 Coupe	D-A3	97	4
31	Audi 4000 Coupe	M5	105	4
24	Audi 4000 Coupe	A3	105	4
24	Audi 4000 Coupe	M5	131	5
20	Audi 4000 Coupe	A3	131	5
25	BMW 320i	M5	108	4
27	BMW 320i	A3	108	4
19	BMW 633CSI	M5	196	6
18	BMW 633CSI	A3	196	6
24	Chevy Camaro	M5	151	4
26	Chevy Camaro	M5	151	4
23	Chevy Camaro	A3	151	4
16	Chevy Camaro	A4	305	8
31	Chevy Chevette	M5	98	4
28	Chevy Chevette	A3	98	4
42	Chevy Chevette	D-M5	111	4
37	Chevy Chevette	D-A3	111	4
27	Chrysler Lebaron Cnv	A3	135	4
22	Chrysler Lebaron Cnv	A3	156	4
40	Datsun Nissan Sentra	M4	91	4
35	Datsun Nissan Sentra	M4	98	4
35	Datsun Nissan Sentra	M5	98	4
31	Datsun Nissan Sentra	A3	98	4
48	Dats Nissan Sentra	D-M4	103	4
44	Dats Nissan Sentra	D-M5	103	4
40	Dats Nissan Sentra	D-A3	103	4
35	Datsun Pulsar	M5	98	4
31	Datsun Pulsar	A3	98	4
27	Datsun 200SX	M5	133	4
25	Datsun 200SX	A3	133	4
20	Datsun 280ZX2x2	M5	168	6
19	Datsun 280ZX2x2	M5	168	6
19	Datsun 280ZX2x2	A3	168	6
18	Datsun 280ZX2x2	A3	168	6
23	Datsun 810	M5	146	6
23	Datsun 810	A4	146	6
30	Datsun 810	D-M5	170	6
28	Datsun 810	D-A4	170	6
24	Dodge Challenger	M5	156	4
23	Dodge Challenger	A3	156	4
34	Dodge Charger	M4	97	4
32	Dodge Charger	M4	105	4
29	Dodge Charger	M4	135	4
28	Dodge Charger	M5	135	4
27	Dodge Charger	A3	135	4
39	Dodge Colt	M4	86	4
35	Dodge Colt	M4	86	4
32	Dodge Colt	M4	98	4
30	Dodge Colt	A3	98	4
27	Dodge 400 Cnv	A3	135	4
22	Dodge 400 Cnv	A3	156	4
26	Ford Mustang	M4	140	4
22	Ford Mustang	M5	140	4
21	Ford Mustang	A3	140	4
20	Ford Mustang	A3	231	6
32	Honda Accord	M5	107	4
29	Honda Accord	A4	107	4
26	Isuzu I-Mark	A3	111	4
44	Isuzu I-Mark	D-M4	111	4

(Continued on page 6)

MPG	Make	Trans-mission	CID	Cyl.
39	Isuzu I-Mark	D-M5	111	4
34	Isuzu I-Mark	D-A3	111	4
17	Jaguar XJ	A3	258	6
14	Jaguar XJS	A3	326	12
26	Lincoln Mercury Capri	M4	140	4
22	Lincoln Mercury Capri	M5	140	4
21	Lincoln Mercury Capri	A3	140	4
20	Lincoln Mercury Capri	A3	231	6
34	Mazda GLC	M4	91	4
36	Mazda GLC	M5	91	4
31	Mazda GLC	A3	91	4
28	Mazda 626	M5	122	4
27	Mazda 626	A3	122	4
33	Mitsubishi Cordia	M5	110	4
27	Mitsubishi Cordia	A3	110	4
27	Mitsubishi Cordia	M4	110	4
39	Mitsubishi Precis	M4	86	4
35	Mitsubishi Precis	M4	86	4
32	Mitsubishi Precis	M4	98	4
30	Mitsubishi Precis	A3	98	4
24	Mitsubishi Sapporo	M5	156	4
23	Mitsubishi Sapporo	A3	156	4
22	Mitsubishi Starion	M5	156	4
33	Mitsubishi Tredia	M5	110	4
27	Mitsubishi Tredia	M4	110	4
27	Mitsubishi Tredia	A3	110	4
39	Plymouth Colt	M4	86	4
35	Plymouth Colt	M4	86	4
32	Plymouth Colt	M4	98	4
30	Plymouth Colt	A3	98	4
24	Plymouth Sapporo	M5	156	4
23	Plymouth Sapporo	A3	156	4
34	Plymouth Turismo	M4	97	4
32	Plymouth Turismo	M4	105	4
29	Plymouth Turismo	M4	135	4
28	Plymouth Turismo	M5	135	4
28	Plymouth Turismo	A3	135	4
24	Pontiac Firebird	M5	151	4
26	Pontiac Firebird	M5	151	4
23	Pontiac Firebird	A3	151	4
16	Pontiac Firebird	A4	305	8
31	Pontiac 1000	M5	98	4
28	Pontiac 1000	A3	98	4
42	Pontiac 1000	D-M5	111	4
37	Pontiac 1000	D-A3	111	4
26	Renault Fuego	M5	95	4
27	Renault Fuego	M5	100	4
24	Renault Fuego	A3	100	4
27	Renault 18i Sedan	M5	100	4
24	Renault 18i Sedan	A3	100	4
9	Rolls Royce Corniche	A3	412	8
32	Subaru	M4	97	4
32	Subaru	M5	97	4
31	Subaru	M5	109	4
27	Subaru	A3	109	4
25	Toyota Celica	M5	144	4
26	Toyota Celica	M5	144	4
26	Toyota Celica	A4	144	4
21	Toyota Celica Supra	M5	168	6
22	Toyota Celica Supra	A4	168	6
36	Toyota Corolla	M4	97	4
33	Toyota Corolla	M5	97	4
31	Toyota Corolla	A3	97	4
32	Toyota Corolla	A4	97	4
39	Toyota Tercel	M4	89	4
34	Toyota Tercel	M5	89	4
32	Toyota Tercel	A3	89	4
21	Toyota Cressida	M5	168	6
22	Toyota Cressida	A4	168	6
42	Volkswagen Jetta	D-M5	97	4
37	Volkswagen Jetta	D-A3	97	4
30	Volkswagen Jetta	M5	105	4
43	VW Jetta Turbo	D-M5	97	4
25	Volkswagen Jetta	A3	105	4

Actual Real World Mileage

The range of gas mileage is:

	Model Year 1981	Model Year 1982
4 cyl.	18.94-26.18	20.09-28.61
6 cyl.	18.05-22.26	17.60-23.11
8 cyl.	*	*

Source: Peterson, Howell & Heather, Inc.

* Because of the shift to 4- and 6-cylinder engine vehicles, there are not enough data for reliable figures for the 8-cylinder engines.

MPG	Make	Trans-mission	CID	Cyl.
36	VW Jetta Turbo	D-A3	97	4
48	Volkswagen Rabbit	D-M4	97	4
43	Volkswagen Rabbit	D-M5	97	4
35	Volkswagen Rabbit	D-A3	97	4
32	Volkswagen Rabbit	M4	105	4
31	Volkswagen Rabbit	M4	105	4
30	Volkswagen Rabbit	M5	105	4
27	Volkswagen Rabbit	A3	105	4
50	VW Rabbit (Semi)	A	97	4
43	VW Rabbit (Turbo)	M5	97	4
26	Volkswagen Rabbit	M5	100	4
36	VW Rabbit (Turbo)	D-A3	97	4
29	Volkswagen Scirocco	M5	105	4
25	Volkswagen Scirocco	A3	105	4
	Compact Cars			
21	AMC Concord	M4	258	6
21	AMC Concord	M5	258	6
21	AMC Concord	A3	258	6
22	Audi 5000	M5	131	5
22	Audi 5000	M5	131	5
18	Audi 5000 Turbo	A3	131	5
19	Audi 5000	A3	131	5
19	Audi 5000	A3	131	5
28	Audi D Turbo	A3	121	5
19	BMW 733I	M5	196	6
18	BMW 733I	A3	196	6
22	BMW 533I	M5	164	6
20	BMW 533I	A3	164	4
19	BMW 533I	M5	196	6
18	BMW 533I	A3	196	6
17	Buick Riviera Conv	A4	252	6
16	Buick Riviera Conv	A4	307	8
28	Buick Skyhawk	M5	110	4
28	Buick Skyhawk	A3	110	4
25	Buick Skyhawk	A3	121	4
27	Buick Skylark	M4	151	4
24	Buick Skylark	A3	151	4
22	Buick Skylark	A3	173	6
22	Buick Skylark	M4	173	6
21	Buick Skylark	M4	173	6
23	Cadillac Cimarron	A3	121	4
23	Cadillac Cimarron	M5	121	4
25	Chevy Cavalier	A3	121	4
25	Chevy Cavalier	M5	121	4
31	Datsun Nissan Stanza	M5	120	4

(Continued on page 8)

MPG	Make	Trans-mission	CID	Cyl.
27	Datsun Nissan Stanza	A3	120	4
32	Dodge Omni	M4	105	4
29	Dodge Omni	M4	135	4
29	Dodge Omni	A3	135	4
34	Dodge Omni	M4	97	4
28	Dodge Omni	M5	135	4
33	Ford Escort	M4	98	4
27	Ford Escort	M3	98	4
21	Thunderbird	A3	231	6
21	Merc Cougar	A3	231	6
33	Linc-Merc Lynx	M4	98	4
27	Linc-Merc Lynx	A3	98	4
28	Mer Benz 240	D-M4	147	4
27	Mer Benz 240	D-A4	147	4
27	Mer Benz 240 (Turbo)	D-A4	183	5
27	Mer Benz 300SD (Turbo)	D-A4	183	5
18	Mer Benz 380SEC	A4	234	8
25	Olds Firenza	A3	121	4
25	Olds Firenza	M5	121	4
27	Olds Omega	M4	151	4
24	Olds Omega	A3	151	4
22	Olds Omega	M4	173	6
21	Olds Omega	M4	173	6
22	Olds Omega	A3	173	6
27	Peugeot 505	D-M4	141	4
28	Peugeot 505 Turbo	D-M5	141	4
26	Peugeot 505	D-A3	141	4
26	Peugeot 505 Turbo	D-A3	141	4
22	Peugeot 505	M5	120	4
21	Peugeot 505	A3	120	4
28	Peugeot 604 Turbo	D-M5	141	4
26	Peugeot 604 Turbo	D-A3	141	4
34	Plymouth Horizon	M4	97	4
32	Plymouth Horizon	M4	105	4
29	Plymouth Horizon	M4	135	4
29	Plymouth Horizon	A3	135	4
28	Plymouth Horizon	M5	135	4
31	Pontiac 2000	M5	110	4
37	Renault Alliance	M4	85	4
34	Renault Alliance	M5	85	4
9	Rolls Royce Camargue	A3	412	8
23	Saab 900	M5	121	4
21	Saab 900 Turbo	M5	121	4
21	Saab 900 Turbo	A3	121	4
22	Saab 900	A3	121	4
29	Volkswagen Quantum	M5	105	4
23	Volkswagen Quantum	A3	105	4
41	VW Quantum (Turbo)	D-M5	97	4
32	VW Quantum (Turbo)	D-A3	97	4
20	Volvo DL-GL-GLT-Turbo	M4	130	4
20	Volvo DL-GL-GLT-Turbo	A4	130	4
25	Volvo DL-GL-GLT-Turbo	M4	141	4
23	Volvo DL-GL-GLT-Turbo	A4	141	4
29	Volvo DL-GL-GLT	D-M4	145	6
27	Volvo DL-GL-GLT	D-A3	145	6

Mid-Size Cars

MPG	Make	Trans-mission	CID	Cyl.
20	Buick Century	A3	181	6
26	Buick Regal	D-A3	263	6
18	Buick Regal Turbo	A4	231	6
23	Buick Regal	D-A3	350	8
21	Buick Riviera	A3	231	6
21	Buick Riviera	D-A4	350	8
16	Buick Riviera Turbo	A4	231	6
17	Buick Riviera	A4	252	6
16	Buick Riviera	A4	307	8
17	Cadillac Eldorado	A4	249	8
21	Cadillac Eldorado	D-A4	350	8
17	Cadillac Seville	A4	249	8
21	Cadillac Seville	D-A4	350	8
22	Chevy Celebrity	A3	173	6
27	Chevy Celebrity	D-A3	263	6
22	Chevy Citation	A3	173	6
21	Chevy Citation	M4	173	6
20	Chevy Malibu	A3	229	6
25	Chevy Malibu	D-A3	263	6
18	Chevy Malibu	A3	305	8
23	Chevy Malibu	D-A3	350	8
20	Chevy Monte Carlo	A3	229	6
25	Chevy Monte Carlo	D-A3	263	6
18	Chevy Monte Carlo	A3	305	8
23	Chrysler Cordoba	D-A3	350	8
18	Chrysler Cordoba	A3	225	6
17	Chrysler LeBaron	A3	318	8
24	Chrysler New Yorker	A3	135	4
22	Chrysler New Yorker	A3	156	4
18	Chrysler Fifth Ave.	A3	225	6
17	Chrysler Fifth Ave.	A3	318	8
28	Chrysler E Class	M5	135	4
27	Chrysler E Class	A3	135	4
22	Chrysler E Class	A3	156	4
29	Dodge Aries	M4	135	4
28	Dodge Aries	A3	135	4
24	Dodge Aries	A3	156	4
28	Dodge Aries	M5	135	4
19	Dodge Diplomat	A3	225	6
17	Dodge Diplomat	A3	318	8
19	Dodge Mirada	A3	225	6
17	Dodge Mirada	A3	318	8
28	Dodge 400	M5	135	4
27	Dodge 400	A3	135	4
22	Dodge 400	A3	156	4
23	Dodge 600	M5	135	4
24	Dodge 600	A3	135	4
22	Dodge 600	A3	156	4
26	Ford Fairmont Futura	M4	140	4
21	Ford Fairmont Futura	A3	140	4
19	Ford Fairmont Futura	A3	200	6
26	Ford LTD	M4	140	4
21	Ford LTD	A3	140	4
20	Ford LTD	A3	200	4
16	Imperial	A3	318	8
17	Linc-Merc Continental	A4	302	8
26	Linc-Merc Marquis	M4	140	4
21	Linc-Merc Marquis	A3	140	4
20	Linc-Merc Marquis	A3	200	6
26	Linc-Merc Zephyr	M4	140	4
21	Linc-Merc Zephyr	A3	140	4
19	Linc-Merc Zephyr	A3	200	6
8	Maserati Quattroporte	A3	301	8
18	Mercedes-Benz 380SEL	A4	234	8
24	Olds Cutlass Ciera	A3	151	4
20	Olds Cutlass Ciera	A3	181	6
28	Olds Cutlass Ciera	D-A3	263	6
21	Olds Cutlass Supreme	A3	231	6
25	Olds Cutlass Supreme	D-A3	263	6
18	Olds Cutlass Supreme	A3	307	8
23	Olds Cutlass Supreme	D-A3	350	8
17	Olds Toronado	A4	252	6
16	Olds Toronado	A4	307	8
22	Olds Toronado	A4	350	8
19	Plymouth Gran Fury	A3	225	6
17	Plymouth Gran Fury	A3	318	8
29	Plymouth Reliant	M4	135	4
28	Plymouth Reliant	M5	135	4
28	Plymouth Reliant	A3	135	4
24	Plymouth Reliant	A3	156	4
21	Pontiac Bonneville	A3	231	6
18	Pontiac Bonneville	A3	305	8
23	Pontiac Bonneville	D-A3	350	8
21	Pontiac Grand Prix	A3	231	6
18	Pontiac Grand Prix	A3	305	8
23	Pontiac Grand Prix	D-A3	350	8
27	Pontiac Phoenix	M4	151	4
24	Pontiac Phoenix	A3	151	4
22	Pontiac Phoenix	M4	173	6
22	Pontiac Phoenix	A3	173	6

(Continued on page 10)

MPG	Make	Trans-mission	CID	Cyl.
24	Pontiac 6000	A3	151	4
25	Pontiac 6000	A3	151	4
22	Pontiac 6000	A3	173	6
28	Pontiac 6000	D-A3	263	6
28	Volvo 760 GLE	D-M4	145	6
27	Volvo 760 GLE	D-A3	145	6
20	Volvo 760 GLE	A4	174	6
	Large Cars			
18	Buick Electra	A4	252	6
16	Buick Electra	A4	307	8
22	Buick Electra	D-A4	350	8
19	Buick LeSabre	A3	231	6
19	Buick LeSabre	A3	231	6
19	Buick LeSabre	A3	231	6
18	Buick LeSabre	A4	252	6
17	Buick LeSabre	A3	307	8
17	Buick LeSabre	A4	307	8
21	Buick LeSabre	D-A3	350	8
22	Buick LeSabre	D-A4	350	8
22	Buick LeSabre	D-A4	350	8
22	Cad. De Ville-Br.	D-A4	350	8
19	Chevy Impala-Caprice	A3	229	6
17	Chevy Impala-Caprice	A4	305	8
23	Chevy Impala-Caprice	D-A3	350	8
22	Chevy Impala-Caprice	D-A4	350	8
17	Linc-Merc Gr Marquis	A4	302	8
17	Linc-Mercury Mark VI	A4	302	8
17	Linc-Mercury Town Car	A4	302	8
19	Oldsmobile Delta 88	A3	231	6
17	Oldsmobile Delta 88	A3	307	8
17	Oldsmobile Delta 88	A4	307	8
22	Olds Delta 88	D-A4	350	8
18	Olds Ninety-Eight	A4	252	6
17	Olds Ninety-Eight	A4	307	8
22	Olds Ninety-Eight	D-A4	350	8
	Small Station Wagons			
21	AMC Concord Wagon	M4	258	6
21	AMC Concord Wagon	M5	258	6
21	AMC Concord Wagon	A3	258	6
28	Buick Skyhawk Wagon	M5	110	4
28	Buick Skyhawk Wagon	A3	110	4
23	Buick Skyhawk Wagon	A3	121	4
25	Chevy Cavalier Wagon	M5	121	4
25	Chevy Cavalier Wagon	A3	121	4
35	Datsun Nissan Sentra	M4	98	4
35	Datsun Nissan Sentra	M5	98	4
31	Datsun Nissan Sentra	A3	98	4
42	Datsun Nissan Sentra	D-M5	103	4
38	Datsun Nissan Sentra	D-A3	103	4
23	Datsun 810 Wagon	M5	146	6
22	Datsun 810 Wagon	A4	146	6
30	Datsun 810 Wagon	D-M5	170	6
28	Datsun 810 Wagon	D-A4	170	6
29	Ford Escort Wagon	M4	98	4
27	Ford Escort Wagon	A3	98	4
35	Honda Civic Wagon	M5	91	4
31	Honda Civic Wagon	A3	91	4
29	Linc-Merc Lynx Wagon	M4	98	4
27	Linc-Merc Lynx Wagon	A3	98	4
30	Mazda GLC Wagon	M4	91	4
30	Mazda GLC Wagon	M5	91	4
26	Mazda GLC Wagon	A3	91	4
28	Olds Firenza Cruiser	M5	110	4
28	Olds Firenza Cruiser	A3	110	4
25	Olds Firenza Cruiser	M5	121	4
23	Olds Firenza Cruiser	A3	121	4
28	Pontiac 2000	M5	110	4
28	Pontiac 2000	A3	110	4
27	Renault 18i Wagon	M5	100	4
24	Renault 18i Wagon	A3	100	4
30	Subaru Wagon	M5	109	4
30	Subaru Wagon	M5	109	4
27	Subaru Wagon	A3	109	4
33	Toyota Corolla Wagon	M5	97	4
31	Toyota Corolla Wagon	A3	97	4
22	Toyota Cressida Wagon	A4	168	6
32	Toyota Tercel Wagon	M5	89	4
41	Volks Quantum Wagon	D-M5	97	4
32	Volks Quantum Wagon	D-A3	97	4
29	Volks Quantum Wagon	M5	105	4
23	Volks Quantum Wagon	A3	105	4
	Mid-Size Station Wagons			
21	Buick Regal Est. Wgn.	A3	231	6
23	Buick Regal Est. Wgn.	D-A3	350	8
20	Chevy Malibu Wgn.	A3	229	6
17	Chevy Malibu Wgn.	A3	305	8
23	Chevy Malibu Wgn.	D-A3	350	8
24	Chry Town & Country	A3	135	4
22	Chry Town & Country	A3	156	4
28	Dodge Aries Wgn.	M4	135	4
28	Dodge Aries Wgn.	M5	135	4
27	Dodge Aries Wgn.	A3	135	4
22	Dodge Aries Wgn.	A3	156	4
20	Ford LTD Wgn.	A3	200	6
20	Linc Merc Marq. Wgn.	A3	200	6
27	Mer-Benz 300 TD	D-A4	183	5
21	Olds Cutl Cruis Wgn.	A3	231	6
17	Olds Cutl Cruis Wgn.	A3	307	8
23	Olds Cutl Cruis Wgn.	D-A3	350	8
27	Peugeot 504 Wgn.	D-M4	141	4
26	Peugeot 504 Wgn.	D-A3	141	4
28	Plymouth Reliant Wgn.	M4	135	4
28	Plymouth Reliant Wgn.	M5	135	4
27	Plymouth Reliant Wgn.	A3	135	4
22	Plymouth Reliant	A3	156	4
21	Pontiac Bonnev Wgn.	A3	231	6
17	Pontiac Bonnev Wgn.	A3	305	8
23	Pontiac Bonnev Wgn.	D-A3	350	8
20	Volvo Wagon	M4	130	4
20	Volvo Wagon Turbo	A4	130	4
24	Volvo Wagon	M4	141	4
23	Volvo Wagon	A4	141	4
29	Volvo Wagon	D-M4	145	6
27	Volvo Wagon	D-A3	145	6
	Large Station Wagons			
16	Buick LeSabre-Electra	A4	307	8
21	Buick LeSabre-Electra	D-A3	350	8
22	Buick LeSabre-Electra	D-A4	350	8
16	Chevy Impala-Caprice	A4	305	8
21	Chevy Impala-Caprice	D-A3	350	8
22	Chevy Impala-Caprice	D-A4	350	8
17	Ford LTD	A4	302	8
17	Lincoln Mercury Marq	A4	302	8
16	Olds Custom Cruiser	A4	307	8
22	Olds Custom Cruiser	D-A4	350	8

NAFA Car Categories

Sub-Compact: Wheelbase of less than 100 inches and a curb weight of under 2,300 pounds.

Compact or Small: Wheelbase between 100 and 106 inches and a curb weight of between 2,300 and 2,799 pounds.

Mid-Size: Wheelbase between 106 and 114 inches with a curb weight of between 2,800 and 3,399 pounds.

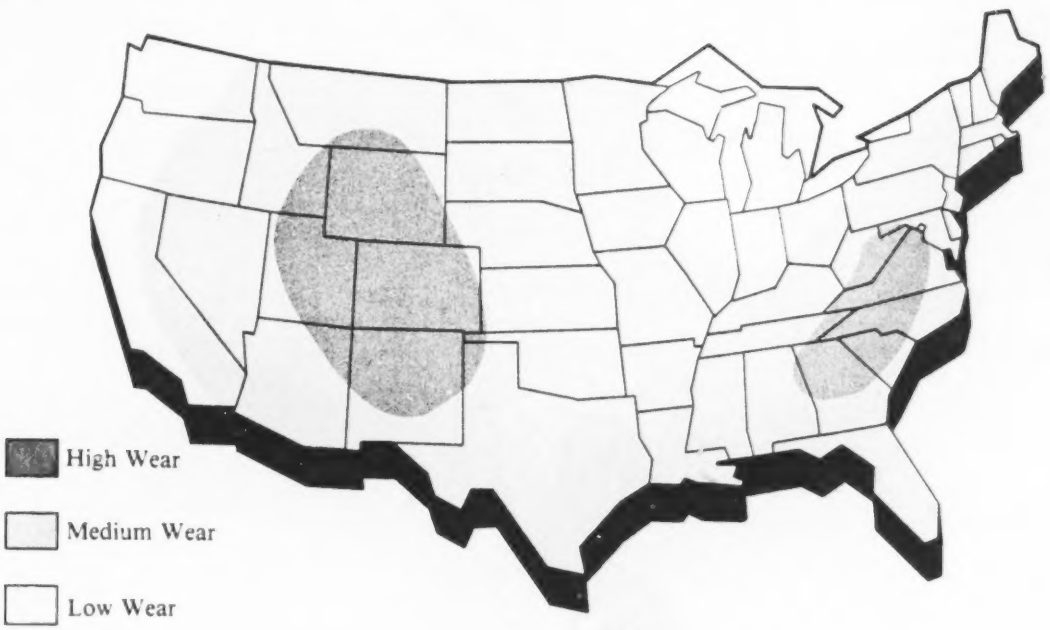
Large: Wheelbase of more than 114 inches and a curb weight of more than 3,400 pounds.

Which Tires Last the Longest?

Tire wear is affected by the road material and the type of terrain over which you drive. To estimate a tire's tread life, look at the accompanying map to determine whether you live in a high-, medium-, or low-wear area. Then use the treadwear grade of the tires you are considering to estimate their tread life for your area. For example, if you are considering tires with a treadwear grade of "90," you can expect those tires to get about 27,000 miles in a low-wear area, 18,000 miles in a medium-wear area, and 13,500 miles in a high-wear area. *Of course, your actual mileage will depend not only on* where *you drive, but also on how you drive and whether you keep your tires properly inflated and your wheels aligned.*

What You Can Expect From Your Tires

Treadwear Grade	Low Wear Area	Medium Wear Area	High Wear Area
50	15,000	10,000	7,500
60	18,000	12,000	9,000
70	21,000	14,000	10,500
80	24,000	16,000	12,000
90	27,000	18,000	13,500
100	30,000	20,000	15,000
110	33,000	22,000	16,500
120	36,000	24,000	18,000
130	39,000	26,000	19,500
140	42,000	28,000	21,000
150	45,000	30,000	22,500
160	48,000	32,000	24,000
170	51,000	34,000	25,500
180	54,000	36,000	27,000
190	57,000	38,000	28,500
200	60,000	40,000	30,000
210	63,000	42,000	31,500
220	66,000	44,000	33,000



Source: The Car Book

NAFA's Operating Expense Reports 1979, 1980, 1981

Composite fleet consists of those fleets that do not break out operating expenses by size of car, but only submit totals for the entire fleet.	1979 Composite Fleet	1980 Composite Fleet	1981 Composite Fleet
Average Miles per Month	**1,798**	**1,897**	**1,822**
OPERATING EXPENSES (Expressed in pennies per car per mile)			
Fuel	.0548	.0715	.0745
Oil	.0011	.0012	.0012
Tires & Tire Repair	.0057	.0066	.0059
Repair & Maintenance	.0129	.0132	.0142
Total Operating Expenses	.0745	.0925	.0958
INCIDENTAL EXPENSES (Expressed in dollars per car per month)			
License & Taxes	$ 7.33	$ 9.07	$ 6.23
Accident Repairs — Less Recoveries	7.25	8.90	8.65
Washing	3.02	3.24	5.04
Parking & Tolls	9.43	11.50	16.48
Miscellaneous	1.29	1.23	3.29
Total Incidental Expenses	$ 28.32	$ 33.94	$ 39.69
STANDING EXPENSES (Expressed in dollars per car per month)			
Interest or Service Charge	$ 33.08	$ 51.46	$ 74.86
Depreciation Reserve	128.25	120.95	154.89
Depreciation Adjustment	-2.19	-16.91	-17.56
Selling Expenses	—	—	1.35
Insurance	16.74	19.16	21.27
Total Standing Expenses	$175.88	$174.66	$234.81
CREDITS (Dollar return per car per month)			
Personal Use Chargeback	$ 21.86	$ 23.64	$ 41.48
Extra Equipment Credit		1.89	2.15
Total Credits	$ 21.86	$ 25.53	$ 43.63
NET EXPENSES (Incidental expenses plus standing expenses less personal use credit expressed in dollars per car per month)	$182.34	$183.07	$230.87

NAFA Safety Survey Results:

Highway Accident Statistics Summary for 1982

For the past two years, NAFA Newsletter has published a monthly report on accident frequency among its members, as reported to the Association.

The following statistics are a summary of the responses for 1982.

Number of Fleets Responding
334

Total Number of Vehicles
130,838 (average in fleet: 392 units)

Total Miles Driven
261,080,440 (average 1,995 per month)

Total Number of Reportable Accidents*
2,144

Total Number of Preventable Accidents*
1,186

Total Number of Non-Preventable Accidents
958

Accident Frequency — Preventable Accidents*
4.54

Accident Frequency — Non-Preventable Accidents
3.67

Total Number of Personal Injuries
236

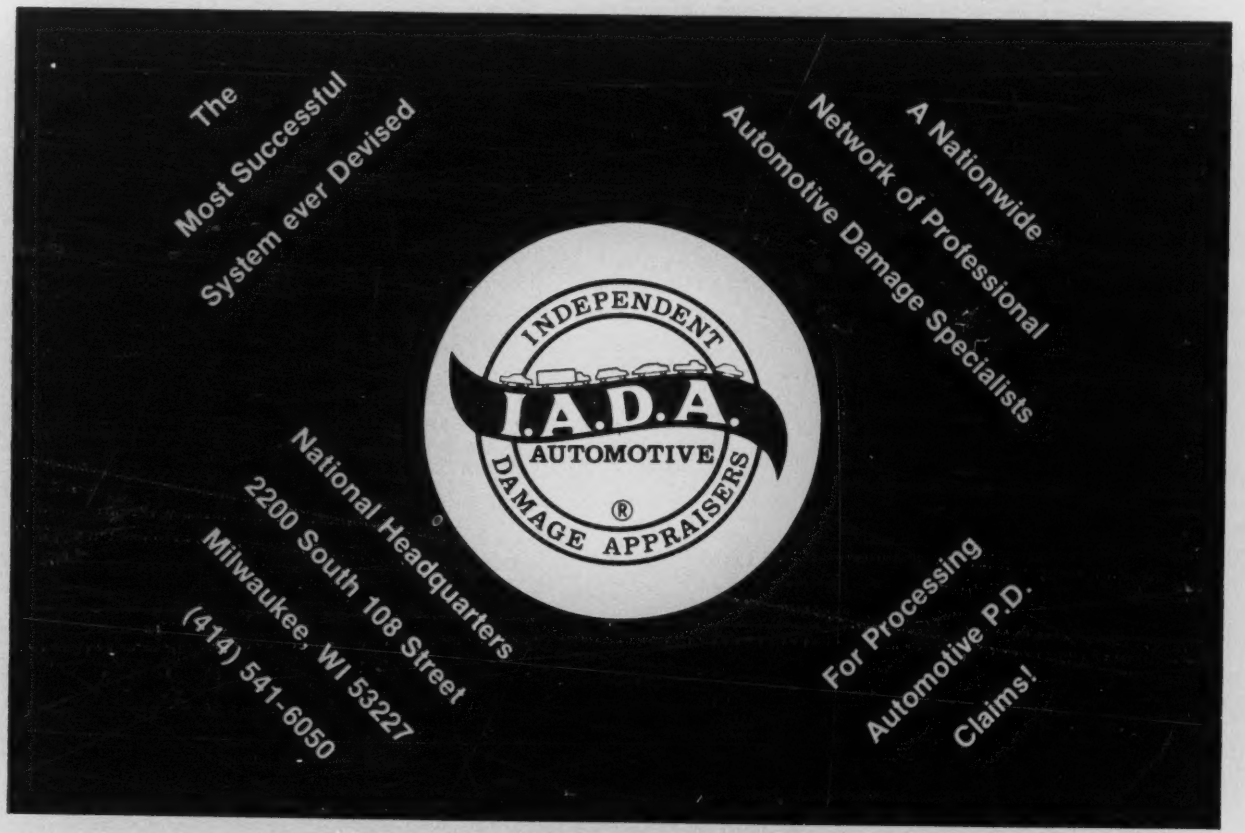
Total Amount of Damage to Vehicles
$1,346,552

***National Safety Council Definitions**

Reportable Accident: Any accident in which the vehicle is involved, unless properly parked, where such accident results in death, personal injury, or property damage. An accident is reportable regardless of who was hurt, what property was damaged, or who was responsible.

Preventable Accident: Any accident involving a company-provided car which results in property damage and/or personal injury, regardless of who was injured, what property was damaged, or where it occurred, in which the driver in question failed to exercise every reasonable precaution to prevent the accident.

Accident Frequency Rate: The accident frequency rate is determined by multiplying the number of accidents by 1,000,000 and dividing by the total number of miles driven.



1983 Vehicle Specifications

Vehicles are listed in the category in which they will be marketed by manufacturers, according to the information they provided to ***NAFA Bulletin****. NAFA definitions of weight and wheelbase are listed under each category.*

Make	Wheelbase	Overall Length	Curb Weight	Standard Engine	Cargo Area
Sub-Compacts					
(Wheelbase under 100" — Weight under 2300 lbs.)					
AMC/Renault LeCar	95.2	142.5	1,820	4/1.4	34.1
AMC/Renault Alliance	97.2	165.0	1,979	4/1.4	13.0
Plymouth Horizon	99.1	164.8	2,118	4/1.6	35.8
Dodge Omni	99.1	164.8	2,118	4/1.6	35.8
Nissan Sentra	94.5	167.3	1,850	4/1.6	11.3
Ford Escort	94.2	163.9	1,987	4/1.6	30.6
Lincoln/Mercury Lynx	94.2	163.9	2,017	4/1.6	25.9
Chevy Chevette	94.3	161.9	2,118	4/1.6	27.0
Pontiac 1000	94.3	161.9	2,003	4/1.6	27.0
Toyota Tercel	95.7	157.8	N/A	4/1.5	N/A
Toyota Corolla	94.5	166.3	2,282	4/1.6	10.7
Volkswagen Rabbit	94.5	155.3	1,918	4/1.7	22.6
Volkswagen Jetta	94.5	167.8	2,207	4/1.7	13.0
Compacts					
(Wheelbase between 100" and 106" — Weight between 2300-2799 lbs.)					
AMC Concord	108.0	185.0	2,756	4/2.5	11.40
AMC Spirit	96.0	167.0	2,665	4/2.5	25.5
Plymouth Reliant	99.9	176.0	2,337	4/2.2	15.1
Dodge Aries	99.9	176.0	2,489	4/2.2	15.0
Dodge 400	99.9	181.2	2,483	4/2.2	15.0
Chrysler LeBaron	99.9	181.2	2,482	4/2.2	15.0
Nissan Stanza	97.2	173.4	2,160	4/2.0	19.6
Ford Mustang	100.4	179.1	2,625	4/2.2	32.7
Ford Fairmont	105.5	195.5	2,772	4/2.3	16.7
Lincoln/Mercury Capri	100.4	179.1	2,707	4/2.3	32.7
Lincoln/Mercury Zephr	105.5	195.5	2,726	4/2.3	16.7
Buick Skyhawk	101.2	175.3	2,417	4/1.8	38.3
Buick Skylark	104.9	181.1	2,568	4/2.5	14.3
Cadillac Cimarron	101.2	173.0	2,588	4/1.8	12.1
Chevy Cavalier	101.2	173.5	2,441	4/1.8	35.8
Chevy Citation	104.9	176.7	2,471	4/2.5	41.4
Oldsmobile Firenza	101.2	174.3	2,412	4/1.8	38.5
Oldsmobile Omega	104.9	182.8	2,506	4/2.5	14.3
Pontiac 2000	101.2	169.4	2,450	4/1.8	38.3
Pontiac Phoenix	104.9	176.7	2,471	4/2.5	41.4
Volkswagen Quantum	100.4	178.2	2,469	4/1.7	20.7
Mid-Size Cars					
(Wheelbase between 106" and 114" — Weight between 2800-3399 lbs.					
Dodge 600	103.0	187.2	2,572	4/2.2	17.0
Chrysler E Class	103.0	185.2	2,572	4/2.2	17.0
Chrysler New Yorker	103.0	185.7	2,600	4/2.2	17.0
Nissan Maxima	103.4	186.8	2,900	4/2.4	63.1
Ford LTD	105.5	196.5	2,859	4/2.3	16.8
Lincoln/Mercury Marquis	105.5	196.5	2,859	4/2.3	14.9
Buick Century	104.9	188.2	2,624	4/2.5	16.0
Chevy Celebrity	104.9	188.3	2,695	4/2.5	16.0
Chevy Malibu	108.0	192.7	3,190	6/3.8	16.6
Oldsmobile Ciera	104.9	188.4	2,633	4/2.5	16.0
Oldsmobile Cutlass Supreme	108.1	200.0	3,231	6/3.8	16.8
Toyota Cressida	104.1	184.8	2,862	6/2.8	13.0

Make	Wheelbase	Overall Length	Curb Weight	Standard Engine	Cargo Area
Mid-Size Cars (continued)					
Pontiac 6000	104.9	188.7	2,606	4/2.5	15.9
Pontiac Bonneville	108.1	198.6	3,203	6/3.8	16.6
Large Cars					
(Wheelbase over 114" — Weight over 3400 lbs.)					
Plymouth Gran Fury	112.7	205.7	3,577	6/3.7	15.6
Dodge Diplomat	112.7	205.7	3,577	6/3.7	15.6
Chrysler New Yorker 5th Ave.	112.7	205.7	3,368	6/3.7	15.6
Chrysler Imperial	112.7	213.3	3,934	8/5.2	15.0
Ford Crown Victoria	114.3	209.3	3,648	8/5.0	22.4
Lincoln/Mercury Grand Marquis	114.3	214.0	3,787	8/5.0	22.4
Lincoln/Mercury Continental	108.7	201.2	3,682	8/5.0	15.0
Lincoln/Mercury Town Car	117.3	219.0	4,006	8/5.0	15.0
Lincoln/Mercury Mark VI	114.3	216.0	4,039	8/5.0	22.4
Buick LeSabre	115.9	218.4	3,598	6/3.6	20.8
Buick Electra	118.9	221.3	3,796	6/4.1	20.8
Cadillac Deville	121.4	221.0	3,915	8/4.1	19.6
Cadillac Fleetwood	121.4	221.0	4,006	8/4.1	19.6
Cadillac Seville	114.0	204.8	3,814	8/4.1	14.5
Chevrolet Impala/ Caprice	116.0	212.2	3,615	6/3.8	20.9
Oldsmobile Delta 88	116.0	218.1	3,534	6/3.8	20.8
Oldsmobile 98 Regency	119.0	221.1	3,785	6/4.1	20.5
Specialty Cars					
AMC Eagle	108.0	185.0	N/A	4/2.5	N/A
Plymouth TC3	99.6	173.7	2,282	4/1.7	33.9
Dodge 024	96.6	173.7	2,282	4/1.7	33.9
Dodge Challenger	99.6	180.0	2,833	4/2.6	12.4
Dodge Mirada	112.7	209.6	3,395	6/3.7	16.7
Chrysler Cordoba	112.7	210.1	3,460	6/3.7	16.7
Nissan 200 SX	94.5	176.2	2,603	6/2.2	19.6
Nissan 280 ZX	91.3	174.0	2,796	6/2.8	15.6
Ford EXP	94.2	170.3	2,156	4/1.6	25.5
Ford Thunderbird	103.8	197.6	3,120	6/3.6	14.6
Lincoln/Mercury LN7	94.2	170.3	2,156	4/1.6	25.5
Lincoln/Mercury Cougar XR7	103.8	197.6	3,002	6/3.6	14.6
Cadillac Eldorado	114.0	204.5	3,731	8/6.0	15.0
Buick Regal	108.1	200.6	3,272	6/3.6	16.2
Buick Riviera	114.0	206.6	3,695	6/1.4	15.8
Chevy Camaro	101.0	187.8	3,299	4/2.5	11.6
Oldsmobile Toronado	114.0	206.0	3,695	6/1.4	15.2
Pontiac Firebird	101.0	187.8	3,299	4/2.5	11.6
Pontiac Grand Prix	108.1	201.9	3,226	6/3.8	16.6
Toyota Celica	98.4	176.2	2,489	4/2.4	10.6
Volkswagen Scirocco	94.5	165.7	2,159	4/1.7	23.7

NOVA SCOTIA (Certificate of Registration)	Issued	Application for Nova Scotia registration - signed by dealer & countersigned by rep. Dealer's Invoice or NVIS Form Vehicle permit mailed to Leasing Co. Temporary permit & number plate stickers will be given to operator. When cert. & permit recd. from N.S. Registry, Lease Co. will mail to Lessee. Driver will retain registration.	Application for Nova Scotia registration Current out of province permit	*	**	Cars: Based on gross wt. $19-$88 Trucks: Based on gross wt. of vehicle, plus load to be carried.	Annually Vehicles inspected and carry a valid inspection sticker.	Compulsory - Must be purchased from private agent Proof of Ins. must be carried in vehicle at all times.	10%
PRINCE EDWARD ISLAND	None	Application for PEI registration Dealers Invoice/Bill of Sale Proof of Insurance Inspection Report NVIS Form Dealer registers vehicle Soft copy - to driver Hard copy - mailed to person reg.	Application for PEI registration Current out of province registration Inspection Report Proof of Insurance Power of Attorney Vehicle Company-owned — A cert. of book value.	*	**	Cars: Based on wt. Approx. $23-$55 Trucks: Based on wt.	Required for first registration, annually, thereafter	Must be purchased from private agent ins. co. before making application for reg.	8%
NEWFOUNDLAND	None	Application for Newfoundland registration Master Number Dealer's Invoice Proof of Insurance NVIS Form Dealer registers vehicle	Application for Newfoundland registration Current out of province registration Power of Attorney Vehicle Not Leased-Dealer's Invoice or cert. of Book Value required.	*	**	Cars: Based on wt. Up to 1814 Kg-$48 Over 1815 Kg-$65	Required for vehicles upon transfer that are 2 years old and older.	Compulsory - evidence of ins. must be carried in vehicle at all times.	11%

* If Lessee Company is located or maintains an office in this province, register as follows:
Leasing Company's Name
Lessee Company's Name
Lessee Company's Street Address
Lessee Company's City, Province

If Lessee Company does not have a company address in this province, register as follows:
Leasing Company's Name
Lessee Company's Name
Operator's Street Address
Operator's City, Province

** If Company Owner is located or maintains an office in this province, register as follows:
Company's Name
Company's Street Address
Company's City, Province

If Lessee Company does not have a company address in this province, register as follows:
Company's Name
Operator's Full Name
Operator's Street Address
Operator's City, Province

Operating Costs in ¢/Mile

	1979	1980	1981	First 6 mos. 1982
Mileage Factor — Business	1485	1478	1511	1487
Personal	488	488	482	425
Total	1973	1966	1993	1912
Running Expense	8.64	8.93	10.48	12.27
Standing Expense (Including Interest & Service Fees)	11.15	12.47	15.04	16.43
Incidental Expense	.98	1.08	1.02	1.28
	20.77	22.44	26.54	29.98
Year-to-Year Increase		8%	18.3%	13%
Gas Cost/Gallon	1.03	1.20	1.65	1.94
Year-to-Year Increase		16.5%	37.5%	17.6%

These costs are based on a typical Canadian fleet operating all across Canada. Your fleet may have different costs due to your particular make up, but the year-to-year increases in costs should be similar over the same time frame.